

Docket No.
448563/0163
LR:DLS

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Minoru Usui et al.

Art Unit: 2863

Application No.: 09/312,073

Examiner: M. Nghiem

Filed: May 13, 1999

For: INK CARTRIDGE FOR INK-JET PRINTING APPARATUS

Date: July 25, 2003

SECOND SUPPLEMENTAL AMENDMENT

FAX RECEIVED

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

JUL 24 2003

TECHNOLOGY CENTER 2800

Sir:

In further reply to the Office Action of the United States Patent and Trademark Office mailed on January 22, 2003, a complete response to which having been timely filed on May 22, 2003, and a Supplemental Amendment having been submitted on June 23, 2003, Applicants respectfully submit the following further revisions and remarks.

Amendments to the Claims are reflected in the listing of claims which begins on page 2 of this paper.

Remarks begin on page 23 of this paper.